

**CALIFORNIA ENERGY COMMISSION**

1516 Ninth Street  
Sacramento, California 95814

Main website: [www.energy.ca.gov](http://www.energy.ca.gov)



## **Staff Symposium on the Electric System Transmission, Storage & Demand Response Research Paving the Way for Renewables**

The California Energy Commission's Public Interest Energy Research (PIER) program will host a symposium showcasing research results that demonstrate how the electric system could enable greater use of renewable generation, using energy storage, demand response, and transmission advancements.

**MONDAY, OCTOBER 25, 2010**

8:00 a.m. to 4:00 p.m.

Sacramento Public Tsakopoulos Library Galleria

828 I Street

Sacramento, CA 95814

Phone: (916) 264-2800

(Wheelchair Accessible)

### **Remote Attendance**

**Internet Webcast** - Presentations and audio from the meeting will be broadcast via our WebEx web meeting service. For details on how to participate via WebEx, please see the [Remote Attendance section](#) toward the end of this notice.

### **Purpose**

The purpose of the symposium is to highlight how energy storage, demand response, and the transmission system can work together to enable renewables. The symposium will provide an engaging overview of the challenges of managing the California grid with high penetrations of renewables.

This symposium will:

- 1) highlight California's renewable generation policy goals;
- 2) explain the electric power system and the issues in using renewable generation;
- 3) highlight the activities of research projects in transmission, demand response, and electric energy storage;
- 4) explain how the projects provide benefits to California; and
- 5) give attendees the opportunity to ask questions in a friendly informal setting.

## Background

Since the Energy Commission's PIER program was established in 1997, changing electricity markets, regulations, technologies, and customer behavior have raised challenges for transmission and distribution planners, owners, operators, policy makers and regulators. To meet these challenges, the Energy Commission performs research and development to provide new technologies in electric storage, demand response and transmission technologies to accommodate growing renewable electric generators such as wind and solar and new kinds of customer loads, such as electric vehicles. Expanding and modernizing our electric grid into a renewable Smart Grid for the 21<sup>st</sup> century will depend on new technology innovation.

## Public Participation

The Energy Commission's Public Adviser's Office provides the public assistance in participating in Energy Commission activities. If you want information on how to participate in this forum, please contact the Public Adviser's Office at (916) 654-4489 or toll free at (800) 822-6228, by FAX at (916) 654-4493, or by e-mail at [ [PublicAdviser@energy.state.ca.us](mailto:PublicAdviser@energy.state.ca.us) ]. If you have a disability and require assistance to participate, please contact Lou Quiroz at (916) 654-5146 at least five days in advance.

Please direct all news media inquiries to the Media and Public Communications Office at (916) 654-4989, or by e-mail at [ [mediaoffice@energy.state.ca.us](mailto:mediaoffice@energy.state.ca.us) ].

If you have questions on the subject matter of this meeting, please contact Mr. James Patterson, at (916) 327-2342 or by e-mail at [ [jpatters@energy.state.ca.us](mailto:jpatters@energy.state.ca.us) ].

## Remote Attendance

You can participate in this meeting through WebEx, the Energy Commission's online meeting service. Presentations will appear on your computer screen, and you listen to the audio via your telephone. Please be aware that the meeting's WebEx audio and on-screen activity may be recorded.

### Computer Log-on with Telephone Audio:

- 1) Please go to <https://energy.webex.com> and enter the unique meeting number: **923 389 379**.
- 2) When prompted, enter your name, other information as directed, and the meeting password: **TRP@2010**.
- 3) After you login, a prompt will ask for your phone number. If you wish to have WebEx call you back, enter your phone number. This will add your name on the WebEx log so that we know who is connected and have a record of your participation by WebEx. If you do not wish to do that, click cancel, and go to step 5.

- 4) If your company uses a switchboard-type of phone system where your line is an extension, click cancel and go to step 5.
- 5) If you didn't want WebEx to call you back, then call 1-866-469-3239 (toll-free in the U.S. and Canada). When prompted, enter the meeting number above and your unique Attendee ID number, which is listed in the top left area of your screen after you login via computer. International callers can dial in using the "Show all global call-in numbers" link (also in the top left area).

**Telephone Only (No Computer Access):**

1. Call 1-866-469-3239 (toll-free in the U.S. and Canada) and when prompted enter the unique meeting number above. International callers can select their number from <https://energy.webex.com/energy/globalcallin.php>

If you have difficulty joining the meeting, please call the WebEx Technical Support number at 1-866-229-3239.

**Registration:**

For meeting planning purposes, please provide your:

Name, Affiliation, Title, E-mail address, and Phone number to:

Gilda Garcia

[gilda.garcia@uc-ciee.org](mailto:gilda.garcia@uc-ciee.org)

(916) 769-4508

There is no cost to attend this meeting.

Mail Lists: reti, transmission, research